

In response to the USPTO Official Action mailed May 6, 1999, please amend the above-identified patent application as indicated below.

In the Claims

Kindly cancel claims 8, 10 and 21; and kindly amend claims 1-3, 6, 9, 11, 15, 16, and 18 as set forth below.

A1
1. (Amended) A high stability, low emission, fuel emulsion composition for ~~[an internal combustion]~~ a reciprocating engine comprising:

- a) 26-50% purified water;
- b) 50-74% hydrocarbon petroleum distillate;
- c) 2-9% antifreeze; and

said emulsion having an average droplet diameter of less than about 10 microns.

2. (Amended) ~~The fuel emulsion composition of claim 1 wherein said emulsion has an average droplet diameter of between about [4] 5 microns and about 6 microns.~~

3. (Amended) The fuel emulsion composition of claim 1 comprising 30 ~~to~~ 35 % purified water.

A2
6. (Amended) The fuel emulsion composition of claim 1 wherein said hydrocarbon petroleum distillate is high paraffinic having a aromatic content of less than 3%.

A3
9. (Amended) The fuel emulsion composition of ~~[claim 8 wherein said surfactant]~~ claim 1 further including a surfactant that comprises alkylphenolethoxylates, alcohol ethoxylates, fatty alcohol ethoxylates, alkyl amine ethoxylates or mixtures thereof.

A4
11. (Amended) The fuel emulsion composition of ~~[claim 8 wherein said lubricant]~~ claim 1 further including a lubricant that comprises one or more C₁₂ to C₂₂ backbone chains having an adducted acid, wherein each

AL
said adducted acid is selected, independently from the other, from the group consisting of mono-phosphoric acid, di-phosphoric acid, tri-phosphoric acid, mono-carboxylic acid, di-carboxylic acid and tri-carboxylic acid.

AL5
15. (Amended) The fuel emulsion composition of [claim 8 wherein said corrosion inhibitor] claim 1 further including a corrosion inhibitor that is an aminoalkanoic acid.

16. (Amended) The fuel emulsion composition of [claim 8] claim 1 wherein said antifreeze is an organic alcohol.

AL6
18. (Amended) The fuel emulsion composition of [claim 8 wherein said ignition delay modifier] claim 1 further including an ignition delay modifier that comprises one or more compounds selected from the group consisting of nitrates, nitrites and peroxides.

Remarks

In the Office Action mailed May 6, 1999, the Examiner rejected claims 1-21. Applicants respectfully traverse the rejections and request reconsideration of all claims now pending in the application in light of the amendments and arguments set forth herein.

In the aforementioned Office Action, the Examiner rejected claims 1-21 under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicants regard as the invention. Specifically, the Examiner has rejected claims 10 and 21 as being indefinite for using trademarks and/or trade names. In addition, the Examiner rejected claims 1-21 because of the recitation of the term 'purified water' and the term 'aging the composition'.